

DESIGN-BUILD PROJECT

Letters of Interest for the following Project should be emailed to MassDOTBIDDdocuments@dot.state.ma.us and addressed to:

MassDOT Bid Document Distribution Center
MassDOT Highway Division
10 Park Plaza - Suite 6260
Boston, MA 02116
**Attn: Eric M. Cardone, P.E.,
Construction Contracts Engineer**

Until the date and time stated below for:

The Bidding for and Award of the Contract for the following Project is to be in accordance with The Best Value Design Build Procurement process shall be used for the Project as authorized under **MGL c 149A ss 14 et seq.**

MONDAY,, APRIL 25, 2022 @ 12:00 P.M. (NOON)	PROJECT VALUE
BOSTON - SOMERVILLE – SUPERSTRUCTURE REPLACEMENT, B-16-067 (3GV) MAFFA WAY & B-16-068=S-17-028 (3GW) MYSTIC AVENUE OVER ORANGE & MBTA/BMRR Design-Build Project #607670	\$34,000,000.00

The Commonwealth of Massachusetts' Massachusetts Department of Transportation (MassDOT) is soliciting Letters of Interest from parties interested in the RFQ package for the Design-Build Project consisting of the completion of the design and construction for

BOSTON - SOMERVILLE – SUPERSTRUCTURE REPLACEMENT, B-16-067 (3GV) MAFFA WAY & B-16-068=S-17-028 (3GW) MYSTIC AVENUE OVER ORANGE LINE & MBTA/BMRR. **Design-Build Project**
#607670

Project Location

The Project is located in MassDOT Districts 4 and 6 (Middlesex and Suffolk Counties), and the limits of the Project extend approximately 1150 feet along Maffa Way between Lombardi Street and Sullivan Square Station and approximately 650 feet along Mystic Avenue between Lombardi Street and Dorrance Street.

It is to be understood that the Project scope includes all aspects of design, demolition, and construction, compliance with all environmental permits to be secured and/or amended by final design, coordination with utilities, railroad and transit agencies, public outreach, and any coordination with abutting or interested parties.

Purpose and Need

To replace the deteriorated steel stringer/concrete deck bridge superstructures with superstructures designed for a 75-year design life, and to rehabilitate the existing substructures to support the proposed superstructures.

Summary

The scope of work includes both design and construction for the full removal and replacement of the existing bridge superstructures, the rehabilitation of the existing substructures to remain in place, moment slabs, and retaining walls. Roadway work includes vertical and horizontal grade adjustments, full-depth pavement reconstruction, grading, granite curb, cement concrete sidewalks, bicycle facilities, drainage, utilities, signage, traffic signal adjustments, pavement markings, and other related work.

The Project includes significant utility relocations with multiple utility companies, coordination with the MBTA Orange Line and MBTA Commuter Rail/Pan Am Railroads for work within their railroad facilities, and coordination with adjacent construction projects.

Other Project elements include survey, geotechnical design, utility coordination and protection, traffic engineering, pavement markings and signage, lighting, public outreach and coordination, hazardous materials assessment & remediation, and site restoration. The attention of interested parties is called to the presence of Interstate 93, which passes over a significant portion of Bridge No. B-16-067 (3GV) and within 70 feet of Bridge No. B-16-068=S-17-028 (3GW).

Roadway Reconstruction

The Project includes the reconstruction and resurfacing of Maffa Way and Mystic Avenue including a portion of the I-93 Southbound Off Ramp onto Maffa Way. Roadway functional, geometric, and safety improvements include sections of full depth pavement reconstruction, pavement milling, and variable depth overlay and/or leveling course as required for development of proposed cross slopes, construction of ADA compliant wheelchair ramps, roadside barriers, guardrail, associated barrier end treatments, fences, granite curb, and all clear-zone side slopes.

Utilities

The Project involves the coordination with utility companies and required site preparation to facilitate access for the relocation of underground and structure supported utility facilities including MBTA, electric, and telephone; the design and relocation of water transmission lines; the coordination with a gas utility company for relocation and adjustment of their infrastructure; the relocation, design, and installation of streetlights; and the removal and abandonment of existing manholes, vaults, and conduits.

Traffic

The Project includes modifications to existing signal heads, relocation of existing pedestrian signals, and installation of proposed signal heads at signalized intersections and crosswalks, project-wide signage, pavement markings, and the design and implementation of temporary traffic control plans.

Structural

The Project includes, but is not limited to, the design and construction of two bridge superstructure replacements and substructure modifications. The Project also entails the design and construction of moment slabs and retaining walls.

Stormwater Management

The Project includes updates to the roadway drainage system including the design and construction of multiple deep-sump catch basins in accordance with Massachusetts Stormwater Standards.

The proposed Project cost is estimated at **\$34,000,000**. The Best Value Design-Build Procurement process shall be used for the project as authorized under **MGL c 149A ss 14 et seq.**

Letters of Interest

The deadline for receipt of Letters of Interest is **April 25, 2022 at 12:00PM (noon)**. All parties must send a "Letter of Interest" to MassDOTBIDDocuments@dot.state.ma.us. Letters of Interest MUST include a **contact name, address, telephone number, fax number and email address**. Late submittals will not be accepted. The Request for Qualifications (RFQ) package will be on or about **April 26, 2022** to all parties submitting a Letter of Interest by the above date and time. The RFQ (without supporting documents) will also be available to be downloaded from COMMBUYS on or about **April 26, 2022**. The posting on COMMBUYS is for public informational purposes only. Please note that Proposers **MUST** submit a Letter of Interest by the stated date to become part of the procurement process for the Project. The Statement of Qualifications (SOQ) will be due on or around **May, 31, 2022 by Noon (12:00 PM)**. Statements of Qualifications will **NOT** be accepted from any party not submitting a Letter of Interest by the stated date.

Letter of Interest

BOSTON - SOMERVILLE – Superstructure Replacement, B-16-067 (3GV) Maffa Way & B-16-068=S-17-028 (3GW) Mystic Avenue Over Orange & MBTA/BMRR. DESIGN-BUILD PROJECT #(607670)

Briefing

A virtual briefing will be held to discuss the RFQ on or about **May 3, 2022 at 10 AM**. Meeting notices will be emailed to the point of contacts listed in the Letter of Interest.

Prequalification

All Proposers must have a Major Participant that is prequalified by the MassDOT Architects and Engineers Review Board:

- Complex Bridge Design and Rating
- Complex Roadway Design

In addition, all Proposers must have a Major Participant who is prequalified by the MassDOT Prequalification Committee in Bridge Construction with a Single Contract Limit of at least \$34,000,000. However, JV Partners who are prequalified in Bridge Construction can combine their individual SCLs to satisfy the \$34,000,000.00 SCL requirement (Per 720 CMR 5.00)

Evaluation Criteria

Proposers (and/or their key personnel) will be evaluated on the following criteria:

- Similar type work experience, particularly for bridge construction involving work around, on, and over railroad facilities.
- Joint experience of the DB team members working together.
- Design-Build experience of the DB team members.
- Quality of performance on prior projects.
- Experience of Key Personnel to be assigned to the Project.
- Experience and success in managing accelerated work schedules with key milestones.
- Financial Status.
- Litigation and Performance/Termination History.
- Safety Record.
- Reference Information, including banks, previous clients, and sureties.
- Volume of current work on MassDOT projects.
- Successful implementation of complex Traffic Management.
- Prior experience working on and over railroad facilities.
- Prior experience in developing innovative project designs and construction methods of a type similar to this scope.
- Prior experience with Public Outreach and Abutter engagement
- Other factors that the Selection Committee determines.

Additional

This Design-Build procurement will follow a two-phase Best Value selection process. An RFQ will be sent to all parties submitting a Letter of Interest. Proposers are invited to submit a Statement of Qualifications (SOQ) to the MassDOT contact above in response to the RFQ. It is expected that the SOQ will be due on or about **May 31, 2022 at noon** (12:00 PM). Firms/Contractors submitting a Letter of Interest by the due date will receive and be notified of addendums to the RFQ up to the submission date of the SOQ.

Proposers are required to prepare an SOQ; be prequalified by MassDOT Architects and Engineers Review Board; and be prequalified by the MassDOT Prequalification Committee. The Proposer must be able to produce evidence of 100% bonding capacity.

Time Period for Completed Project: MassDOT will require that all construction must be completed within **1546 calendar days** of Notice to Proceed.

MassDOT will be utilizing Bid Express for this Project. All proposers shall use Bid Express for submittal of bids. Proposers shall subscribe to the BidExpress on-line bidding exchange by following the instructions provided at www.bidx.com or by contacting:

Info Tech Inc.
2970 SW 50th Terrace
Gainesville, FL 32608-5076
email: customer.support@bidx.com

Complete instructions for the submission of qualifications are set forth in the RFQ. The Commonwealth reserves the right to reject any or all proposals it may receive.

MassDOT Highway Division projects are subject to the rules and regulations of the Architectural Access Board (521 CMR 1.00 et. seq.). Prospective proposers and interested parties can access this information and more via the internet at WWW.COMMBUYS.COM.

BY: Jamey Tesler, Secretary and CEO, MassDOT
Jonathan L. Gulliver, Highway Administrator, MassDOT Highway Division
SATURDAY, March 12, 2022